The 918 descrete operational amplifier is a low noise, trish speed, low distortion circuit with output current capability to a 250 ma peak. The circuit is public domain, and you may use it any way without liceuse.

AUG 9,05
NO LONGER
THERE IN
SAN DIECO.
OWNED BY
HARRIS CORP.
NOW. THE
918 AMP IS
NO LONGER
AVAILABLE.

An assembled 1/2 x 2" x 3/4" high unpotted module is boing offered by Pacific Recorders & Engineering in San Diego. (Jack Williams - 714-453-3255)

They are using a double sided PC board with the topside as a strietd, silk screened labeling for components and a cover which is removable for servicing. The input transistor pair is selected for the > 450 and 1% match. Along with Use matching, this is resulting in < 5 mm offset with equal resistances an each input.

Gain Bandwidth is 10 MHz, harse Signal Bandwith is 65 kHz Slew Rate-is 5.5 V/Ns. Noise is < 3 mm/Ht en, and 14 < 0.50 pa/Hz.

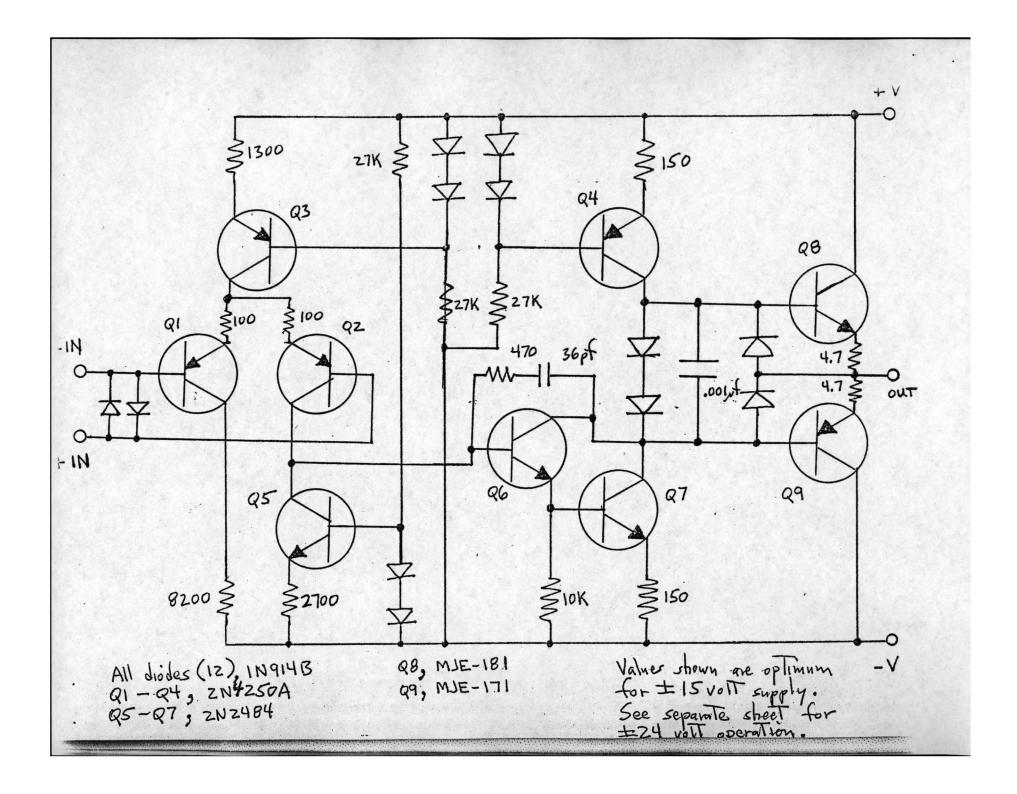
Please feel free to call me for further info.

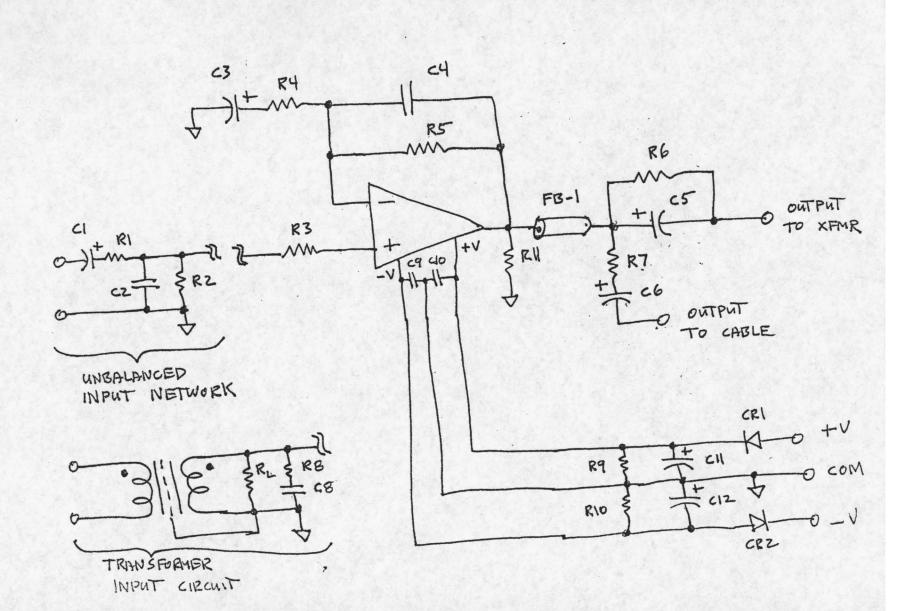
Deane lenson.

1617 NORTH FULLER AVENUE

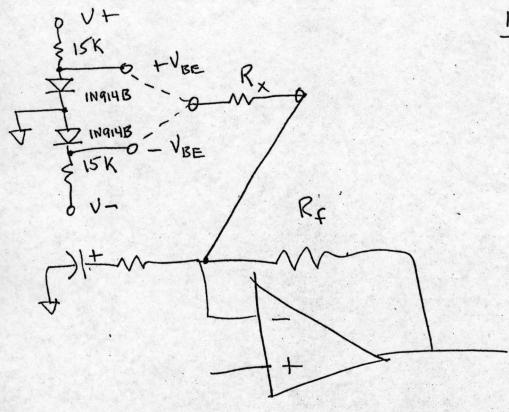
HOLLYWOOD, CALIFORNIA 90046

PHONE (213) 876-0059





|    |                       |                        | 1\-2-76<br>DATE PAG |
|----|-----------------------|------------------------|---------------------|
|    |                       | CIRCUITS FOR           |                     |
| 1_ | OPERATIONAL           | AMPUPIER - PARTS       | LIST                |
| 2  |                       |                        |                     |
| 3  |                       |                        |                     |
| 4  | RI                    | 2700 drm               |                     |
| 5  | R2                    | 100 K                  |                     |
| 6  | 123                   | IK (regid only on 318) |                     |
| 7  | R4                    | 270 To 27K             |                     |
| 8  | R5                    | 27 K                   |                     |
| 9  | P6                    | 33                     |                     |
| 10 | 27                    | 10                     |                     |
| 11 | RB                    |                        |                     |
| 12 | 129,10                | 15K                    |                     |
| 13 | RII                   | 27K                    |                     |
| 14 | 4                     | 1.5 pt_                |                     |
| 15 | CZ                    | 270 pf                 |                     |
| 16 | C3                    | 220 1                  |                     |
| 17 | C4 ·                  | 75 pt                  |                     |
| 18 | C5                    | 1000                   |                     |
| 19 | C6                    | 150 NF                 |                     |
| 20 | 67 -                  |                        |                     |
| 21 | CB                    |                        |                     |
| 22 | c9,10                 | 0.1                    |                     |
| 23 | c11, 12               | 220 4                  |                     |
| 24 |                       |                        |                     |
| 25 | CP1 7.                | 14001                  |                     |
| 26 | CEI, Z                |                        |                     |
| 27 |                       |                        |                     |
| 28 |                       |                        |                     |
| 29 | 1 - 400 000 000 000   |                        |                     |
| 30 |                       |                        |                     |
| 31 |                       |                        |                     |
| 32 | H CRAN GERMAN         |                        |                     |
|    |                       |                        |                     |
| 33 |                       |                        |                     |
| 34 | Bearing to the second |                        |                     |
| 35 |                       |                        |                     |
| 36 |                       |                        |                     |
| 37 |                       |                        |                     |



Offset compensation method.

Select value for Rx To null offset. Connect
To + or - VBE point depending upon polarity
of offset to be compensated.

RX = VBE Rf
Vos

FOR RG = 27K

10 mv. 1.8 meg 20 mv. 900 K

50 mV. 370 K

where: Rx is comprusation res.

Rf is feedback us. Vos is Voltage offset

VBE # 0.68 v.

